

Chapter 8. Economic and Social Significance of Information Technologies

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Appendix table 8-1.
Uses of computers in the workplace: 1993

Application	Workers who use this application	
	Number (thousands)	Percentage
Analysis	13,018	25
Bookkeeping	13,236	26
Bulletin boards	4,315	8
Calendar scheduling	11,846	23
Communications	16,058	31
Computer-assisted design	3,856	8
Databases	17,556	34
Desktop publishing	5,933	12
Educational programs	4,689	9
E-mail	10,872	21
Games	2,930	6
Graphics	8,671	17
Inventory control	12,823	25
Invoicing	10,057	20
Learn to use	4,820	9
Programming	6,671	13
Sales	7,629	15
Spreadsheets	12,045	24
Telemarketing	1,656	3
Word processing	22,624	44
Other	9,841	19
Don't know	2,895	6
Total workers who use a computer	51,106	

SOURCE: U.S. Bureau of the Census, Current Population Survey, October 1993. Available from <<<http://www.census.gov/population/socdemo/computer/compusea/text>>>.

Appendix table 8-2.
Index of real net information technologies capital stock in the private sector: 1960-95

	Office, computing, and accounting machinery	Communications equipment	All nonresidential durable equipment
1960	0.23	8.15	25.62
1961	0.24	9.27	26.18
1962	0.25	10.56	27.06
1963	0.29	11.56	28.12
1964	0.34	12.50	29.56
1965	0.40	13.69	31.67
1966	0.53	15.09	34.26
1967	0.65	16.46	36.44
1968	0.76	17.84	38.76
1969	0.93	19.64	41.32
1970	1.09	21.64	43.32
1971	1.28	23.25	45.08
1972	1.57	24.52	47.46
1973	1.90	26.43	50.92
1974	2.34	28.26	54.11
1975	2.64	29.63	55.89
1976	3.12	31.22	57.88
1977	3.78	34.23	60.81
1978	5.33	38.13	64.75
1979	7.57	43.01	68.95
1980	10.48	48.46	71.95
1981	14.25	53.71	74.76
1982	17.19	58.50	76.22
1983	22.87	62.70	77.86
1984	32.03	67.54	81.11
1985	41.88	72.67	84.45
1986	51.55	77.58	87.32
1987	59.61	81.59	89.63
1988	66.84	86.52	92.30
1989	75.82	90.75	95.03
1990	81.69	94.58	97.22
1991	87.31	97.21	98.39
1992	100.00	100.00	100.00
1993	119.03	102.20	102.72
1994	143.14	106.43	106.90
1995	178.09	112.78	111.89

NOTE: Index is chain-link index; values are expressed relative to 1992 dollars.

SOURCE: U.S. Bureau of Economic Analysis, *Survey of Current Business* (May 1997), table 4, pp. 82-84.

See figure 8-2.

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Appendix table 8-3.
Gross product by industry as a share of gross domestic product: 1959-94, selected years
 (Percentages)

Industry	1959	1967	1977	1982	1987	1988	1989	1990	1991	1992	1993	1994
Goods, total	38.9	36.0	32.8	31.0	27.3	27.6	26.8	26.2	24.7	24.0	23.7	24.2
Agriculture, forestry, and fishing	4.0	3.0	2.7	2.4	1.9	1.8	1.9	1.9	1.7	1.8	1.6	1.7
Mining	2.5	1.8	2.7	4.6	1.9	2.0	1.8	2.0	1.7	1.5	1.4	1.3
Construction	4.7	4.7	4.6	4.0	4.6	4.6	4.5	4.3	3.9	3.7	3.7	3.9
Manufacturing	27.7	26.5	22.8	20.0	18.9	19.2	18.6	18.0	17.4	17.0	17.0	17.3
Services, total	48.8	49.8	51.9	53.9	59.1	59.7	59.6	59.8	61.0	61.3	61.6	62.0
Transportation and public utilities ^a	8.9	8.5	8.9	9.0	9.0	8.8	8.5	8.4	8.7	8.5	8.6	8.7
Wholesale trade	7.1	6.9	7.0	6.8	6.4	6.7	6.6	6.4	6.6	6.5	6.5	6.7
Retail trade	9.7	9.4	9.4	8.9	9.3	9.1	9.0	8.8	8.7	8.7	8.7	8.8
Finance, insurance, and real estate	13.6	14.1	14.0	15.6	17.7	17.7	17.7	17.8	18.3	18.4	18.5	18.4
Professional ^b	5.2	6.5	8.6	10.6	12.5	10.8	11.0	11.5	11.7	12.1	12.2	12.3
Personal ^c	3.4	3.5	3.1	3.1	3.4	3.5	3.4	3.6	3.5	3.6	3.5	3.6
Other ^d	0.9	0.9	0.8	0.8	0.9	3.2	3.7	3.6	3.4	3.5	3.5	3.6
Government	12.8	14.1	14.5	14.2	13.9	13.8	13.6	13.8	14.2	14.0	13.7	13.4

NOTE: Shares are based on current dollars.

^aThis includes communications.

^bProfessional services include business, health, legal, educational, social, and (through 1987) miscellaneous professional services.

^cPersonal services include hotels and lodging, personal, auto repair and services, miscellaneous repair, amusement and recreation, and private household services.

^dOther services include motion pictures, membership organizations, and (after 1987) other.

SOURCE: U.S. Bureau of Economic Analysis, Survey of Current Business (August 1996), table 11.

See figures 8-6 and 8-7.

Appendix table 8-4.
U.S. employment by industrial sector: 1950-90, selected years
 (Percentages)

Industry	1950	1960	1970	1980	1990
Total	100.0	100.0	100.0	100.0	100.0
Extractive	14.4	8.1	4.6	4.5	3.5
Agriculture	12.7	7.0	3.7	3.6	2.8
Mining	1.7	1.1	0.8	1.0	0.6
Transformative	33.9	35.9	33.0	29.6	25.6
Constructive	6.2	6.2	6.0	6.2	6.5
Utilities	1.4	1.4	1.1	1.2	1.1
Manufacturing	26.2	28.3	25.9	22.2	18.0
Food	2.7	3.1	1.9	1.9	1.6
Textiles	2.2	3.3	1.3	0.8	0.6
Metal	3.6	3.9	3.1	2.7	1.8
Machinery	3.7	7.5	5.1	5.2	3.8
Chemical	1.7	1.8	1.5	1.6	1.3
Miscellaneous manufacturing	12.3	8.7	12.9	10.0	8.9
Distributive services	22.4	21.9	22.4	21.0	20.6
Transportation	5.3	4.4	3.9	3.7	3.5
Communication	1.2	1.3	1.5	1.5	1.3
Wholesale	3.5	3.6	4.0	3.9	3.9
Retail	12.3	12.5	12.9	11.9	11.8
Producer services	4.8	6.6	8.2	10.5	14.0
Banking	1.1	1.6	2.2	2.6	2.9
Insurance	1.4	1.7	1.8	1.9	2.1
Real estate	1.0	1.0	1.0	1.6	1.8
Engineering	0.2	0.3	0.4	0.6	0.7
Accounting	0.2	0.3	0.4	0.5	0.5
Miscellaneous business services	0.6	1.2	1.8	2.6	4.9
Legal services	0.4	0.5	0.5	0.8	1.0
Social services	12.4	16.3	22.0	23.7	24.9
Medical, health services	1.1	1.4	2.4	2.3	4.3
Hospital	1.8	2.7	3.7	5.3	4.0
Education	3.8	5.4	8.5	8.3	7.9
Welfare, religious services	0.7	1.0	1.2	1.6	2.6
Nonprofit organization	0.3	0.4	0.4	0.5	0.4
Postal service	0.8	0.9	1.0	0.7	0.7
Government	3.7	4.3	4.5	4.7	4.8
Miscellaneous social services	0.1	0.2	0.3	0.4	0.2
Personal services	12.1	11.3	10.0	10.5	11.5
Domestic services	3.2	3.1	1.7	1.3	0.9
Hotel	1.0	1.0	1.0	1.1	1.5
Eating, drinking places	3.0	2.9	3.2	4.4	4.8
Repair services	1.7	1.4	1.4	1.3	1.4
Laundry	1.2	1.0	0.8	0.4	0.5
Barber, beauty shops	–	0.8	0.9	0.7	0.7
Entertainment	1.0	0.8	0.8	1.0	1.3
Miscellaneous personal services	1.2	0.4	0.3	0.3	0.4

NOTE: Details may not add to totals because of rounding.

SOURCE: M. Castells, *The Rise of the Network Society* (Cambridge, MA: Basil Blackwell, 1996).

See figure 8-8.

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Appendix table 8-5.

Workers who use a computer at work, by sector: 1993

Sector	Total employed in sector (thousands)	Workers in sector who use a computer	
		Number (thousands)	Percentage
Government	5,927	4,137	70
All industries	118,400	51,106	43
Agriculture	3,140	435	14
Mining	689	307	45
Construction	7,567	1,182	16
Manufacturing, total	19,605	8,178	42
Food	1,776	532	30
Tobacco	52	25	48
Apparel	970	143	15
Textiles	664	177	27
Leather and leather products	107	24	22
Lumber and wood	841	114	14
Furniture	665	161	24
Paper and allied products	740	339	46
Printing and publishing	1,705	857	50
Chemicals	1,220	729	60
Petroleum and coal	145	88	61
Rubber and plastics	791	293	37
Stone, clay, and glass	568	165	29
Primary metals	653	217	33
Fabricated metals	1,290	442	34
Non-electric machinery	2,238	1,233	55
Electric machinery	1,689	950	56
Motor vehicles	1,120	428	38
Aircraft	502	335	67
Other transportation	624	376	60
Photo equipment	680	406	60
Toys and sporting goods	128	44	34
Miscellaneous manufactures	437	100	23
Services, total	81,473	36,867	45
Transportation	5,410	1,866	34
Communications	1,637	1,283	78
Utilities	1,501	807	54
Wholesale trade	4,531	2,226	49
Retail trade	18,706	5,837	31
Banking and finance	3,417	2,888	85
Insurance and real estate	4,561	3,094	68
Professional services	31,020	16,515	53
Personal services	10,690	2,351	22
Business services	5,038	2,646	53

SOURCE: U.S. Bureau of the Census, Current Population Survey, October 1993. Available from <<<http://www.census.gov/population/socdemo/computer/compusea/text>>>.

See figure 8-9.

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Appendix table 8-6.

Index of information technologies investments, by industry: 1991-92

Industry	Industry's share of GDP, 1992 (%)	Industry's IT investments 1991 (\$ billion)	Industry's share of IT investments (%)	Investment Index
Manufacturing	17.0	25.30	16.6	0.98
Transportation	3.1	3.80	2.5	0.81
Communications	2.6	21.10	13.9	5.35
Utilities	2.8	8.00	5.3	1.89
Wholesale trade	6.5	17.00	11.2	1.72
Retail trade	8.7	17.90	11.8	1.36
Finance, insurance, and real estate	18.4	38.70	25.4	1.38
Professional and personal services	19.2	20.30	13.3	0.69

IT = information technologies

NOTE: Investment Index equals industry's share of IT investments divided by industry's share of GDP. An index of 1.00 reflects no over- or under-investing in IT relative to the size of the industry.

SOURCES: Industry investments from National Research Council, *Information Technology in the Service Society* (Washington, DC: National Academy Press, 1994), p. 2; share of GDP from U.S. Bureau of Economic Analysis, *Survey of Current Business* (August 1996), p. 137.

See figure 8-10.

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Appendix table 8-7.
Technology in public schools: 1992-95

Technology	Number				Percentage of total	
	1992	1993	1994	1995	1992	1995
Schools with interactive videodisk players ^a	6,502	11,729	19,189	23,112	8	27
Elementary	2,921	5,986	10,043	12,326	6	24
Junior high	1,258	2,386	3,844	4,672	10	34
Senior high	2,106	3,129	5,026	5,805	14	34
Students represented (1,000)	5,781	9,064	13,434	16,060	14	36
Schools with modems ^a	13,597	18,471	24,277	28,275	16	34
Elementary	5,831	8,492	11,679	14,782	11	29
Junior high	2,608	3,431	4,531	5,393	20	39
Senior high	5,001	6,371	7,853	8,620	30	51
Students represented (1,000)	10,717	13,382	16,476	19,326	25	43
Schools with networks ^a	4,184	11,657	19,272	23,402	5	28
Elementary	1,583	4,683	8,477	11,155	3	22
Junior high	776	2,030	3,611	4,425	6	32
Senior high	1,736	4,895	7,104	8,042	10	48
Students represented (1,000)	3,754	8,043	12,713	15,160	9	34
Schools with CD-ROMs ^a	5,706	11,021	24,526	31,501	7	37
Elementary	1,897	4,457	11,794	16,816	4	33
Junior high	1,231	2,326	4,874	6,170	9	45
Senior high	2,543	4,168	7,724	9,063	15	64
Students represented (1,000)	5,298	8,534	15,576	19,501	12	44
Schools with satellite dishes ^a	1,129	8,812	12,580	14,290	1	17
Elementary	351	2,988	4,269	5,154	1	10
Junior high	166	1,503	2,497	3,004	1	22
Senior high	606	4,292	5,770	6,263	4	37
Students represented (1,000)	1,906	4,668	6,740	7,946	4	18
Schools with cable ^a	NA	47,745	58,652	62,593	NA	74
Elementary	NA	27,923	35,325	37,730	NA	73
Junior high	NA	9,266	10,696	11,416	NA	83
Senior high	NA	10,296	12,198	13,089	NA	78
Students represented (1,000)	NA	27,324	33,510	35,770	NA	80

NA = not available

NOTE: Elementary includes K-12; preschool, preschool through 8, K-6, and K-8. Junior high includes schools with grade spans of 4-6, 7-8, and 7-9. Senior high includes 7-12, 9-12, 10-12, vocational, technical, and alternative high schools.

^aIncludes schools for special education and adult education not shown separately.

SOURCE: U.S. Bureau of the Census, *Statistical Abstract of the United States 1996*, table 264 (Washington, DC: U.S. Government Printing Office, 1996); data based on surveys conducted by Quality Education Data, Inc.

Appendix table 8-8.
Student use of computers at home and at school, by sex, race/ethnicity, and household income: 1984 and 1993
 (Percentages)

Characteristic	1984 total	1993					
		Total	Pre-K and K	Grades 1-8	Grades 9-12	1st to 4th year of college	5th or later year college
Computer use at school							
Total	27.3	59.0	26.2	68.9	58.2	55.2	52.1
Sex							
Male	29.0	59.4	25.9	69.5	56.5	57.5	56.7
Female	25.5	58.7	26.5	68.4	60.0	53.3	47.8
Race/ethnicity							
White	30.0	61.6	29.4	73.7	59.9	54.9	59.8
Black	16.8	51.5	16.5	56.5	54.5	56.9	57.9
Hispanic	18.6	52.3	19.2	58.4	54.1	51.9	53.7
Other	28.6	59.0	23.5	65.7	57.3	60.9	69.4
Household income							
Less than \$5,000	18.7	51.2	19.6	55.0	50.6	61.7	66.7
\$5,000 to \$9,999	21.0	53.3	24.4	60.3	51.9	53.9	56.2
\$10,000 to \$14,999	22.4	56.4	20.1	64.7	56.7	50.7	76.1
\$15,000 to \$19,999	25.9	58.1	23.8	67.5	57.4	51.2	58.5
\$20,000 to \$24,999	26.7	56.4	23.7	64.3	53.0	57.4	52.4
\$25,000 to \$29,999	30.5	60.0	28.0	70.1	60.3	51.5	58.0
\$30,000 to \$34,999	30.5	59.1	23.7	69.6	59.7	51.7	45.3
\$35,000 to \$39,999	32.3	60.7	27.1	72.1	61.7	49.2	47.9
\$40,000 to \$49,999	32.8	59.3	28.5	70.3	57.2	53.9	48.6
\$50,000 to \$74,999	35.5	62.6	28.6	75.6	61.5	57.4	44.2
\$75,000 or more	36.0	64.6	33.5	78.7	62.5	60.9	47.7
Institution type							
Public	27.4	60.2	30.1	68.6	58.1	53.9	54.1
Private	26.5	52.1	18.7	72.5	60.7	60.7	48.0
Computer use at home							
Total	11.5	27.0	15.6	24.7	28.7	32.8	52.6
Sex							
Male	14.0	27.4	15.1	24.8	28.2	36.6	56.1
Female	9.0	26.6	16.1	24.6	29.2	29.7	49.5
Race/ethnicity							
White	13.7	32.8	19.4	31.4	35.9	36.0	53.6
Black	4.9	10.9	4.2	9.0	10.4	19.4	48.1
Hispanic	3.6	10.4	5.7	7.5	9.8	22.0	52.2
Other	9.0	28.7	17.0	23.2	37.0	33.0	47.1
Household income							
Less than \$5,000	2.9	9.7	1.1	4.1	6.8	25.6	45.2
\$5,000 to \$9,999	3.2	8.0	0.9	4.5	5.3	21.3	45.6
\$10,000 to \$14,999	5.0	11.4	4.6	6.4	8.7	29.8	50.0
\$15,000 to \$19,999	7.5	15.1	6.9	10.9	14.1	28.9	43.0
\$20,000 to \$24,999	9.9	16.8	7.4	13.1	17.9	27.7	49.6
\$25,000 to \$29,999	12.8	21.1	12.3	19.3	22.0	26.1	47.0
\$30,000 to \$34,999	15.8	24.1	18.7	20.5	29.1	26.4	44.4
\$35,000 to \$39,999	19.4	27.1	13.0	26.3	28.1	32.7	52.7
\$40,000 to \$49,999	20.4	32.2	21.6	32.9	33.9	32.5	45.9
\$50,000 to \$74,999	24.2	43.0	25.5	45.3	46.4	40.1	58.2
\$75,000 or more	22.1	56.1	38.2	62.3	61.0	47.0	64.7
Institution type							
Public	11.2	25.3	12.1	23.0	27.2	31.9	50.0
Private	13.8	37.4	22.4	41.5	47.2	36.9	57.7

Appendix table 8-8.

Student use of computers at home and at school, by sex, race/ethnicity, and household income: 1984 and 1993
(Percentages)

Characteristic	1984 total	1993					
		Total	Pre-K and K	Grades 1-8	Grades 9-12	1st to 4th year of college	5th or later year of college
Computer use at home for school work							
Total	4.6	14.9	0.6	10.8	20.9	23.1	36.6
Sex							
Male	5.9	14.8	0.9	10.1	20.5	26.3	40.3
Female	3.3	15.0	0.4	11.5	21.4	20.5	33.2
Race/ethnicity							
White	5.4	18.2	0.8	13.8	26.5	25.7	37.8
Black	2.3	5.7	NA	4.0	6.9	11.5	30.1
Hispanic	1.4	5.6	NA	2.9	6.7	15.9	36.8
Other	3.8	16.0	1.1	9.3	27.0	23.7	29.2
Household income							
Less than \$5,000	1.0	6.7	NA	2.5	4.0	18.7	36.0
\$5,000 to \$9,999	1.5	4.8	NA	1.1	3.6	16.1	35.5
\$10,000 to \$14,999	1.9	7.3	NA	2.6	5.6	25.9	34.6
\$15,000 to \$19,999	3.0	8.6	0.4	4.7	10.8	18.7	31.0
\$20,000 to \$24,999	3.1	9.8	0.7	5.1	12.6	22.9	35.0
\$25,000 to \$29,999	5.1	10.4	1.1	6.3	13.4	19.5	34.9
\$30,000 to \$34,999	4.9	13.0	0.8	8.1	21.9	18.0	35.1
\$35,000 to \$39,999	7.1	15.4	0.8	12.4	21.0	22.6	37.2
\$40,000 to \$49,999	9.2	17.1	1.1	14.7	24.2	22.2	32.1
\$50,000 to \$74,999	11.5	23.2	1.0	19.7	35.0	27.0	38.2
\$75,000 or more	9.8	30.4	0.8	29.4	45.2	30.6	41.5
Institution type							
Public	4.5	14.2	0.5	10.1	19.8	22.7	34.7
Private	5.4	18.8	1.0	17.8	35.4	24.8	40.1

Pre-K and K = prekindergarten and kindergarten

SOURCE: U.S. Bureau of the Census, *Statistical Abstract of the United States, 1996*, table 263 (Washington, DC: U.S. Government Printing Office, 1996).

See figures 8-19 and 8-21.

Appendix table 8-9.
Adult use of computers at home, school, and work: 1993
 (Percentages)

Characteristic	Uses computer anywhere	Has computer at home	Has computer at home and uses computer at home	Enrolled in school and uses computer at school	Has a job and uses computer at work
Age					
Persons over 18	36.0	25.6	65.6	53.8	45.8
18-21 years	45.9	30.4	62.5	62.3	25.8
22-24 years	43.5	25.4	68.9	53.1	42.1
25-34 years	44.4	25.3	73.8	45.2	49.1
35-44 years	46.7	34.2	68.4	43.0	50.8
45-54 years	43.8	34.4	64.0	40.4	49.8
55-64 years	24.2	19.9	55.9	31.9	37.3
65+ years	4.9	8.4	41.2	36.0	20.3
Race					
White	37.5	26.9	66.7	53.1	47.1
Black	25.0	13.8	56.8	54.8	36.1
Other	35.6	31.3	55.8	60.3	42.3
Hispanic origin					
Hispanic	22.0	12.9	61.3	50.0	29.3
Not Hispanic	37.2	26.7	65.8	54.1	47.2
Sex					
Male	36.2	27.1	70.0	55.9	40.3
Female	35.8	24.3	61.1	51.9	52.4
Marital status					
Married	37.5	29.4	65.3	40.5	48.2
Single	42.5	25.3	68.8	58.9	41.2
Divorced/widowed	23.7	14.0	61.3	45.8	43.1
Uses computer					
At work	100.0	43.2	79.4	48.9	100.0
At home	100.0	100.0	NA	55.9	73.0
Household type					
Married couple	38.6	30.4	64.4	54.2	46.8
Female householder	29.2	14.1	65.0	51.4	45.9
Male householder	33.8	20.0	76.5	55.4	41.2
Region					
Northeast	34.3	25.6	62.2	56.4	46.0
Midwest	37.2	25.1	64.9	30.0	45.8
South	33.8	22.1	65.3	51.8	44.3
West	39.6	31.8	69.3	47.3	48.2
Educational attainment					
Less than 9th grade	1.5	4.5	12.7	31.1	4.0
9th-11th grade	9.8	8.1	41.8	46.6	13.0
High school graduate	25.1	16.7	49.3	51.7	34.2
Some college/associate's degree	50.5	33.1	67.9	56.3	52.6
Bachelor's +	63.4	48.7	76.9	50.5	69.1
Employment					
Employed	49.8	30.8	66.5	43.6	43.2
Full time	51.4	30.6	69.4	37.6	49.6
Part time	41.9	31.4	68.0	57.5	28.1
Unemployed	17.5	22.1	67.0	51.0	NA
Not in labor force	11.5	16.1	52.1	62.9	NA
School enrollment					
Not enrolled	32.8	23.9	63.6	NA	45.5
Below college	47.9	22.0	71.8	46.3	11.9
College	74.7	47.4	77.7	54.6	53.0

Appendix table 8-9.

Adult use of computers at home, school, and work: 1993
(Percentages)

Characteristic	Uses computer anywhere	Has computer at home	Has computer at home and uses computer at home	Enrolled in school and uses computer at school	Has a job and uses computer at work
Family income					
Less than \$10,000	11.4	6.8	68.6	53.6	18.3
\$10,000-\$14,999	15.2	8.4	64.8	55.3	23.7
\$15,000-\$19,999	23.0	12.5	62.4	50.9	31.7
\$20,000-\$24,999	27.7	15.3	62.3	56.6	36.0
\$25,000-\$34,999	36.5	21.2	64.3	50.9	42.8
\$35,000-\$49,999	46.3	31.3	55.4	51.0	50.6
\$50,000-\$74,999	60.3	45.9	67.1	54.4	61.5
\$75,000 and over	65.4	61.7	68.0	58.8	67.0
Income not reported	24.4	20.2	57.2	53.3	39.5
Household size					
1-3 persons	33.7	21.2	69.6	51.9	47.5
4-5 persons	43.1	35.8	62.1	56.0	45.0
6-7 persons	30.4	28.6	52.3	56.2	33.7
8+ persons	17.6	22.1	48.3	49.8	19.5
Occupation					
Management and professional	69.6	47.9	77.0	46.7	67.7
Technical, sales, administration	63.6	31.6	69.2	50.7	65.5
Service	22.4	18.6	54.9	53.5	14.7
Precision, production, craft	26.0	21.6	56.8	44.0	23.2
Operators, labor	18.8	15.2	51.9	47.0	14.9
Farm, forest, fish	14.7	16.7	59.5	62.5	8.5
Never work/NILF/AF	10.7	15.4	50.9	61.8	NA
Industry					
Agriculture	19.1	19.9	64.9	51.3	13.5
Mining	44.7	30.7	64.0	(B)	46.1
Construction	20.2	21.4	57.3	49.1	16.8
Manufacturing	43.0	27.3	69.4	48.6	44.0
Transportation, communications, utilities	48.8	29.9	63.6	46.5	49.4
Wholesale/retail	40.8	25.4	61.8	53.1	37.0
Finance, insurance	74.6	36.0	72.4	38.4	79.3
Services	51.2	35.2	72.6	51.2	48.0
Forest/fisheries	36.1	28.8	(B)	(B)	35.2
Public administrator	70.6	34.1	74.0	32.2	73.7
Never work/NILF/AF	10.7	15.4	50.9	61.8	NA

AF = armed forces; (B) = less than 75,000 persons or 50 sample cases; NA = not applicable; NILF = not in labor force

NOTES: Persons of Hispanic origin may be of any race. The term "uses computer anywhere" means that the individual uses computer at home, at school, and/or at work; the term "with computer at home" means that there is a computer in the household.

SOURCE: U.S. Bureau of the Census, Current Population Survey, October 1993. Available from <<<http://www.census.gov/population/socdemo/computer/composea/text>>>.

See figures 8-23 and 8-25.

Appendix table 8-10.
Commercial banks output per employee: 1967-95

Year	Index	Year	Index
1967	71.2	1981	78.7
1968	72.5	1982	81.0
1969	71.5	1983	87.6
1970	72.3	1984	90.7
1971	75.1	1985	94.6
1972	76.9	1986	97.0
1973	81.7	1987	100.0
1974	76.9	1988	101.4
1975	77.2	1989	99.6
1976	81.4	1990	102.6
1977	85.9	1991	104.5
1978	86.8	1992	106.4
1979	84.5	1993	115.5
1980	78.8	1994	115.8
		1995	121.7

NOTES: Commercial banks are Standard Industrial Classification code 602.
 Industry Productivity Index: 1987 = 100.

SOURCE: U.S. Bureau of Labor Statistics, Industry Productivity Index,
 <<<http://stats.bls.gov/cgi-bin/dsrv>>> (data extracted July 1997).

See figure 8-12.

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